

## *Supplementary material*

### **Molecular effects of resistance elicitors of biological origins: uncoupling host recognition responses from pathogen defence suppression.**

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#### **Supplementary figures:**

**Supplementary Figure S1:** Hierarchical visualisation of elicitor induced genes that are over-represented in the GO term ‘biological processes’. Inside the box of the significant terms, the information includes: GO term, adjusted p-value, GO description, item number mapping the GO in the query list and background and total number of query list and background. The darker and redder the colour of the box, the smaller and more significant is the p-value. Stars highlight GO terms that contain genes targeted by pathogen effectors.

**Supplementary Figure S2:** Hierarchical visualisation of elicitor induced genes that are over-represented in the GO term ‘molecular functions’. Inside the box of the significant terms, the information includes: GO term, adjusted p-value, GO description, item number mapping the GO in the query list and background, and total number of query list and background. The darker and redder the colour of the box, the smaller and more significant is the p-value. Stars highlight GO terms that contain genes targeted by pathogen effectors.

**Supplementary Figure S3:** Hierarchical visualisation of elicitor induced genes that are over-represented in the GO term ‘cell parts’. Inside the box of the significant terms, the information includes: GO term, adjusted p-value, GO description, item number mapping the GO in the query list and background, and total number of query list and background. The darker and redder the colour of the box, the smaller and more significant is the p-value. Stars highlight GO terms that contain genes targeted by pathogen effectors.

#### **Supplementary tables:**

**Supplementary Table S1:** *Arabidopsis thaliana* genes that have been shown to be activated by the recognition of elicitor compounds (S1A) and associated publications in alphabetical order (S1B).

**Supplementary Table S2:** Significant shared GO terms determined by agriGo (Du et al., 2010) using *Arabidopsis thaliana* genes that have been shown to be activated by the detection of elicitor compounds. Term-type P stands for biological process, F for molecular function and C for cellular component. Queryitem gives the number of genes of interest within the GO term, querytotal the total number of genes in the list of interest. Bgitem gives the number of background genes within the GO term, bgtotal the total number of genes in the genome.

**Supplementary Table S3:** *Arabidopsis thaliana* genes upregulated upon elicitor recognition and also targeted by pathogen effectors. For each gene, description and annotation by TAIR and involvement in GO-terms are listed.